

Detailed Estimate

OD/359/3425/118920/415805/00070486 : Improvement of road from Abhinash house to Bipra house.
Block : G.Udayagiri, Gram Panchayat : Ratingia
Created By: CHAKRADHAR PURTY

1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side wall	1.000	48.650	0.600	0.600	0.000	17.514	-
Total Quantity					17.514 cum (cum)		17.514 Cum (Cubic Meter)	
Amount					17.514 X 240.77592		4216.95	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side wall	1.000	48.650	0.600	0.050	0.000	1.460	-
Total Quantity					1.4595 cum (cum)		1.4595 Cum (Cubic Meter)	
Amount					1.4595 X 579.298832		845.49	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side wall	1.000	48.650	0.600	0.850	0.000	24.812	-
ii	Road	1.000	9.350	3.300	0.100	0.000	3.086	-

Total Quantity		27.897 cum (cum)		27.897 Cum (Cubic Meter)				
Amount		27.897 X 5699.81035994		159007.61				
4. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum								
Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specificaion and direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	9.350	3.300	0.070	0.000	2.160	-
Total Quantity		2.15985 cum (cum)		2.15985 Cum (Cubic Meter)				
Amount		2.15985 X 8389.53296078		18120.13				
5. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Side wall	1.000	1.000	48.650	0.850	0.000	41.353	-
ii	Road	1.000	2.000	9.350	0.070	0.000	1.309	-
Total Quantity		42.6615 Sqm (Sqm)		42.6615 Sqm (Square Meter)				
Amount		42.6615 X 216.55039071844		9238.36				
Total Amount		191428.54						
Addition								
Provision for Contingency (+) @		2500.00						
Display Citizen Board (+) @		5000.00						
Any Other Lumpsum (+) @		1071.00						

Provision for survey investigation and quality control (+) @	
Total Addition	8571.00
Grand Net Total Amount	199999.54

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G.Udayagiri Block

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